

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A method for enhancing a mouse cursor displayed on a computer display, the method comprising:

obtaining the current mouse cursor speed;

determining whether the current mouse cursor speed exceeds a predetermined threshold; and

generating an enhanced mouse cursor if the current mouse cursor speed exceeds the predetermined threshold.

2. The method of Claim 1 further comprising displaying the enhanced mouse cursor on the computer display.

3. The method of Claim 1, wherein generating the enhanced mouse cursor comprises sizing the mouse cursor in a continuous scale and immediate manner according to the current mouse cursor speed.

4. The method of Claim 1 further comprising determining an interpolated mouse path according to the current mouse cursor position and the previous mouse cursor position.

5. The method of Claim 4, wherein generating the enhanced mouse cursor comprises:

generating a motion-blur effect for the mouse cursor according to the current mouse cursor speed along the interpolated mouse path.

6. The method of Claim 4, wherein generating the enhanced mouse cursor comprises generating a super-sampled mouse path comprising at least one additional mouse cursor image distributed along the interpolated mouse path.

7. The method of Claim 6, wherein the at least one additional mouse cursor image is distributed along the interpolated mouse path in a non-linear progression according to the mouse cursor speed.

8. A computer-readable medium bearing computer-executable instructions which, when executed on a computing device, carry out the method comprising:

obtaining the current mouse cursor speed;

determining whether the current mouse cursor speed exceeds a predetermined threshold; and

generating an enhanced mouse cursor if the current mouse cursor speed exceeds the predetermined threshold.

9. The method of Claim 8, wherein generating the enhanced mouse cursor comprises sizing of the mouse cursor in a continuous and immediate manner according to the current mouse cursor speed.

10. The method of Claim 8 further comprising determining an interpolated mouse path according to the current mouse cursor position and the previous mouse cursor position.

11. The method of Claim 10, wherein generating the enhanced mouse cursor comprises generating a motion-blur effect for the mouse cursor according to the current mouse cursor speed along the interpolated mouse path.

12. The method of Claim 10, wherein generating the enhanced mouse cursor comprises generating a super-sampled mouse path comprising at least one additional mouse cursor image distributed along the interpolated mouse path.

13. The method of Claim 12, wherein the at least one additional mouse cursor image is distributed along the interpolated mouse path in a non-linear progression according to the mouse cursor speed.

14. A method for enhancing a mouse cursor displayed on a computer display, the method comprising:

obtaining mouse cursor information relating to the mouse cursor during the mouse cursor's update display cycle, the mouse cursor information including the mouse cursor's current speed; and

generating a displayable mouse cursor according to the mouse cursor's current speed.

15. The method of Claim 14, wherein generating the displayable mouse cursor according to the mouse cursor's current speed comprises determining whether the mouse cursor's current speed exceeds a predetermined threshold, and if so, generating an enhanced displayable mouse cursor.

16. The method of Claim 24, wherein generating the enhanced displayable mouse cursor comprises sizing a standard displayable mouse cursor in a continuous and immediate manner according to the mouse cursor's current speed.

17. The method of Claim 24 further comprising determining an interpolated mouse path according to the mouse cursor's current position and the mouse cursor's previous position.

18. The method of Claim 17, wherein generating the enhanced displayable mouse cursor comprises generating a motion-blur effect of a standard displayable mouse cursor according to the mouse cursor's current speed along the interpolated mouse path.

19. The method of Claim 17, wherein generating the enhanced displayable mouse cursor comprises generating a super-sampled mouse path comprising at least one additional standard mouse cursor image located on the interpolated mouse path.

20. The method of Claim 19, wherein the least one additional standard mouse cursor image is located on the interpolated mouse path in a non-linear progression according to the mouse cursor's speed.